

|  |   |    |   |                        |                        |
|--|---|----|---|------------------------|------------------------|
| Substitute for form 1449/PTO<br><br><b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b><br><i>(Use as many sheets as necessary)</i> |   |    |   | Complete if Known      |                        |
|  |   |    |   | Application Number     | Division of 10/108,770 |
|  |   |    |   | Filing Date            | January 16, 2004       |
|  |   |    |   | First Named Inventor   | Juryozawa et al.       |
|  |   |    |   | Art Unit               | 2856                   |
|  |   |    |   | Examiner Name          | LARKIN, D.             |
| Sheet  | 1 | of | 2 | Attorney Docket Number | 3339.12US02            |

| U.S. PATENT DOCUMENTS            |                          |  |                                |  |                |
|----------------------------------|--------------------------|--|--------------------------------|--|----------------|
| EXAMINER<br>INITIAL <sup>*</sup> | Cite<br>No. <sup>1</sup> | Document Number                          | Publication Date<br>MM-DD-YYYY | Name of Patentee or Applicant<br>of Cited Document |                |
|                                  |                          | Number-Kind Code <sup>2</sup> (if known) |                                |  |                |
| Dm                               |                          | US-2,698,222                             | 12/1954                        | Davis, II  | Class Subclass |
|                                  |                          | US-3,817,084                             | 06/1974                        | Whitehead  | 374 208        |
|                                  |                          | US-4,118,016                             | 10/03/1978                     | Westeren et al.                                    | 266 130        |
|                                  |                          | US-5,643,987                             | 07/01/1997                     | Dismukes et al.                                    | — —            |
|                                  |                          | US-5,713,979                             | 02/03/1998                     | Nicholson et al.                                   | — —            |
| Dm                               |                          | US-2003/0020214                          | 01/30/2003                     | Poor   | — —            |
|                                  |                          | US-                                      |                                |  |                |
|                                  |                          | US-                                      |                                |  |                |
|                                  |                          | US-                                      |                                |  |                |
|                                  |                          | US-                                      |                                |  |                |
|                                  |                          | US-                                      |                                |  |                |
|                                  |                          | US-                                      |                                |  |                |
|                                  |                          | US-                                      |                                |  |                |
|                                  |                          | US-                                      |                                |  |                |
|                                  |                          | US-                                      |                                |  |                |
|                                  |                          | US-                                      |                                |  |                |
|                                  |                          | US-                                      |                                |  |                |
|                                  |                          | US-                                      |                                |  |                |
|                                  |                          | US-                                      |                                |  |                |

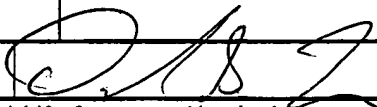
| FOREIGN PATENT DOCUMENTS         |                          |  |                                |  |                |
|----------------------------------|--------------------------|--|--------------------------------|--|----------------|
| EXAMINER<br>INITIAL <sup>*</sup> | Cite<br>No. <sup>1</sup> | Foreign Patent Document  | Publication Date<br>MM-DD-YYYY | Name of Patentee or Applicant<br>of Cited Document | T <sup>6</sup> |
|                                  |                          | Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup><br>(if known) |                                |  |                |
| Dm                               |                          | EP 0191973   | 08/1986                        |  |                |
| Dm                               |                          | JP 45-35411  | 11/12/1970                     | Toyata Jidosha                                     |                |
| Dm                               |                          | JP 4-103801  | 04/06/1992                     |  |                |
| Dm                               |                          | JP 4-130069  | 11/30/1992                     | Dowa Mining Co.                                    |                |
|                                  |                          |  |                                |  |                |
|                                  |                          |  |                                |  |                |

|                       |  |                    |                 |
|-----------------------|--|--------------------|-----------------|
| EXAMINER<br>SIGNATURE |  | DATE<br>CONSIDERED | 28 October 2004 |
|-----------------------|--|--------------------|-----------------|

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450.

|  |   |  |   |                                    |                        |
|--|---|--|---|------------------------------------|------------------------|
| Substitute for form 1449/PTO<br><br><b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b><br><i>(Use as many sheets as necessary)</i>   |   |  |   | Complete if Known                  |                        |
|  |   |  |   | Application Number                 | Division of 10/108,770 |
|  |   |  |   | Filing Date                        | January 16, 2004       |
|  |   |  |   | First Named Inventor               | Juryozawa et al.       |
|  |   |  |   | Art Unit                           | 2856                   |
|  |   |  |   | Examiner Name                      | LARKIN, D.             |
| Sheet  | 2   | of   | 2 | Attorney Docket Number 3339.12US02 |                        |
| NON PATENT LITERATURE DOCUMENTS  |   |  |   |                                    |                        |
| EXAMINER<br>INITIAL*   | Cite<br>No. <sup>1</sup>  | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published |   |                                    | T <sup>2</sup>         |
| Dr   |   | JP 2001 012861 Abstract, Database WPI, Section Ch, Week 200123, XP-02211102, Derwent Publications Ltd.   |   |                                    |                        |
|  |   |  |   |                                    |                        |
|  |   |  |   |                                    |                        |
|  |   |  |   |                                    |                        |
|  |   |  |   |                                    |                        |
|  |   |  |   |                                    |                        |
|  |   |  |   |                                    |                        |
|  |   |  |   |                                    |                        |
|  |   |  |   |                                    |                        |
|  |   |  |   |                                    |                        |
|  |   |  |   |                                    |                        |
|  |   |  |   |                                    |                        |
|  |   |  |   |                                    |                        |
|  |   |  |   |                                    |                        |
|  |   |  |   |                                    |                        |
|  |   |  |   |                                    |                        |
|  |   |  |   |                                    |                        |
| EXAMINER<br>SIGNATURE  |  |  |   | DATE<br>CONSIDERED                 | 28 Feb 2004            |
| <p>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.</p> <p>This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450.</p> <p><i>If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.</i></p> |   |  |   |                                    |                        |